

545OneDrive2_00014784

EPAct Test Programs in ASD
4th Bi-Weekly Report
March 27, 2008

1. Light Duty Gas Exhaust Fuels

Contractor: SwRI, EP-C-07-028, WA 0-1
WAM: Connie Hart
Alt. WAM: Rafal Sobotowski
Other team members: Carl Scarbro, Mike Christianson, Tony Fernandez, Carl Fulper, Aron Butler
Budget: \$4M, plus \$2M in collaboration with NREL

Time Line

- Testing is scheduled to begin first week in April
- Phase 1 and half of Phase 2 finished by the end of June
- Phase 3 will be finished May 2009

Program Status:

- Fuels 17 and 19 for Phase 1 and 2 appear on track for delivery by the start of testing
 - Fuel 18 needs adjustments for distillation curve between T50 and T90. Efforts are being made to make changes without impacting the schedule. Testing shall begin with fuels 17 and 19.
 - Rafal to visit with Halterman and SwRI in Halterman's Houston lab to discuss how important the fuel parameters are for this very visible program, this Friday.
 - Phase 3 fuels appear to be on schedule for June delivery.
- Vehicles are all in and initial FTPs complete.
 - Mileage accumulation will be complete early next week.
- Prototype testing on schedule for next week to verify all equipment and procedures.
- Revised quality document (QAPP) coming this week.
- Rafal and Tony are scheduled for kick-off meeting ~~week of~~ April 10th with Doug Lawson of NREL and Ewa Bardez of Lubrizol at SwRI for first week of testing.
 - Have requested LOD send someone to check testing equipment for first week, have had no response.

2. Oil Study

Contractor: NVFEL
Project lead: Mike Christianson, Rafal Sobotowski
Budget:

lab measurement

Time Line

- Estimated duration of pilot: 15 weeks (May ^{end of} ~~TH~~ 31)

Program Status:

- Mile 1000 tests this week
- Some slowdowns due to driver illness.
- Mike is working on preliminary report this week.

3. PM Speciation

Contractor: NVFEL

Project lead: Mike Christianson, Marion Hoyer

Other team members: Carl Scarbro, Rafal Sobotowski, Joe McDonald

Budget: \$265K

Time Line: Late 2008

Program Status:

- Working with LOD to find solution to their shortfall of FTE for this project.
- Briefing scheduled for Chet early April.

4. Nonroad Exhaust Program

Contractor: Carnot Intertek

WAM: Carl Scarbro

Alt. WAM: Rafal Sobotowski

Project Overview:

Timeline

- The original program was to be completed last year
- Should begin by April 1st and finish in August of this year

Program Status

- Carnot is ready to go. It looks as though they will be ready to start the test program in the beginning of April.
- 8 Engines are at Carnot now. 4 will be delivered later.
- Test fuel 17 delivered this week.
- Fuel 18 on hold until issues for larger fuel program resolved.

5. Evap Testing

Contractor: SwRI, EP-C-07-028, WA 0-4

WAM: Connie Hart
Alt. WAM: Dave Brzezinski
Other team members: Carl Scarbro, Tony Fernandez
Budget: \$600K

Time Line: Testing from June 2008 thru June 2009

Program Status:

- Connie Hart working on SOW to share with CRC and for SwRI. ^{and 5 vehicles}
- Conversations with Chris Tennant of CRC look like we can have fuel from E-77-2 and E-74b programs. They are waiting for SOW to move through their channels and make it official.

6. Determine Percent of High Evaporative Vehicles in Fleet

Contractor: ERG, EP-C-06-080, WA 1-2
WAM: Connie Hart
Alt. WAM: Dave Brzezinski
Other team members: Carl Scarbro, Carl Fulper, Tony Fernandez, Jim Warila
Budget: \$1M

Time Line

- ICR clock started with Federal Register notice 2/14/08
- SOW package went to Cincinnati 2/22/08
- Approval of Work Plan by March 24
- Contractor to supply supporting documents for ICR submission March 31.
- Another 30 day comment period for ICR, roughly month of May.
- Goal is to have ICR in place by mid-June for recruitment and pilot field work to begin. Will need our management support for OMB to give us priority.
- Finalize test procedure for larger program by August 22 so recruitment can begin for field work in Sept and October
- Compile data and draft report by early December of 2008

Program Status:

- Received Work Plan from ERG on March 24. Costs were within budget. Some feedback given to ERG, waiting on comments from rest of team. Contract Officer on AL this week, so official approval will be next week.
- ERG should have ICR supporting documents to us by next week, on schedule.
- Working out logistics with Cincinnati for working with CDPHE (State of Colorado). They are offering their RSD equipment for the pilot study. We would pay them for some staff time and incidentals. Not clear yet whether we will need a Memorandum of Understanding, a Crada, or if the letter CDPHE supplied in the Work Plan of their intent is sufficient.